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**PATENT APPLICATION TRANSMITTAL LETTER**  
(Small Entity)

Docket No.  
4980-103 US

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

Wang, J. J. M. et al.

For: **Wireless communication system using a plurality of antenna elements with adaptive weighting and combining techniques**

Enclosed are:

Certificate of Mailing with Express Mail Mailing Label No. EV319650672US  
 21 sheets of drawings.  
 A certified copy of a application.  
 Declaration  Signed.  Unsigned.  
 Power of Attorney  
 Information Disclosure Statement  
 Preliminary Amendment  
 Verified Statement(s) to Establish Small Entity Status Under 37 C.F.R. 1.9 and 1.27.  
 Other:

16834 U.S. PTO  
10/732003

121003

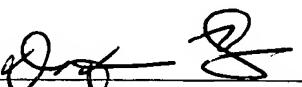
**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	51	- 20 =	31	x \$9.00	\$279.00
<b>Indep. Claims</b>	4	- 3 =	1	x \$43.00	\$43.00
<b>Multiple Dependent Claims (check if applicable)</b>	<input type="checkbox"/>				\$0.00
				<b>BASIC FEE</b>	\$385.00
				<b>TOTAL FILING FEE</b>	\$707.00

A check in the amount of \$707.00 to cover the filing fee is enclosed.  
 The Director is hereby authorized to charge and credit Deposit Account No. 13-2165 as described below.

Charge the amount of as filing fee.  
 Credit any overpayment.  
 Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
 Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: December 10, 2003

  
Signature

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cc:

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Wang, J.J.M.
Title	Wireless communication system using a plurality of antenna elements with adaptive weighting and combining techniques
Attorney Docket Number	4980-103 US

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 10, 2003

Date



Signature

609-924-8555

Telephone number

Diane Dunn McKay

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

4980-103 US

EXPRESS MAIL CERTIFICATE

“Express Mail” Mailing Label Number: EV319650672US

Express Mail Corporate Account Number: X088384

Date of Deposit: December 10, 2003

Type of Documents:

1. Acknowledgment Post Card;
2. “Express Mail” Certificate;
3. Patent Application Transmittal Letter (Small Entity);
4. Specification (27 pgs) Claims (7 pgs) & Abstract (1 pg);
5. 21 Sheets of formal Drawings;
6. Declaration & Power of Attorney (unsigned);
7. Nonpublication Request under 35 USC 122(b)(2)(B)(i); and
8. Check in the amount of \$707.00.

I hereby certify that this paper or fee is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Diane Dunn McKay

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)